

INTERNATIONAL SEARCH REPORT

tional Application No

'IB2004/004463

A. CLASSIFICATION OF SUBJECT MATTER

C12P13/08 C12N9/12 C12N15/54 C12N1/21
//(C12N9/12,C12R1:15)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C12P C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, BIOSIS, WPI Data, EMBASE, FSTA, EMBL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/07626 A (O'DONOHUE, MICHAEL, R; HANKE, PAUL, D; ARCHER-DANIELS-MIDLAND COMPANY) 1 February 2001 (2001-02-01) the whole document	1-3, 9-23, 28-41, 44,45, 48,49, 53,54
X	MARX ET AL: "Response of central metabolism in Corynebacterium glutamicum to the use of an NADH-dependent glutamate dehydrogenase" METABOLIC ENGINEERING, ACADEMIC PRESS,, US, vol. 1, 1999, pages 35-48, XP002154493 ISSN: 1096-7176 the whole document	1-3, 9-14,16, 17,23, 29,30, 32,33, 38-41, 48,49, 53,54

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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

20 January 2006

Date of mailing of the international search report

27/01/2006

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PARK S M ET AL: "METABOLIC AND PHYSIOLOGICAL STUDIES OF CORYNEBACTERIUM GLUTAMICUM MUTANTS" BIOTECHNOLOGY AND BIOENGINEERING, INTERSCIENCE PUBLISHERS, LONDON, GB, vol. 55, no. 6, 1997, pages 864-879, XP000999162 ISSN: 0006-3592 the whole document	1-3, 9-14, 16, 23, 29, 30, 32, 38-41, 48, 49, 53, 54
X	WO 01/00844 A (BASF AG) 4 January 2001 (2001-01-04) abstract; claim 36 SEQ ID NO:185, 186 page 61 page 7, line 13 - line 29	22-28, 38-41, 46-54
X	WO 02/081631 A (DODGE TIMOTHY C ; GENENCOR INT (US); VALLE FERNANDO (US)) 17 October 2002 (2002-10-17) figures 27, 28; example 7	22-29, 44, 45, 48-52
A	DOMINGUEZ H ET AL: "CARBON-FLUX DISTRIBUTION IN THE CENTRAL METABOLIC PATHWAYS OF CORYNEBACTERIUM GLUTAMICUM DURING GROWTH ON FRUCTOSE" EUROPEAN JOURNAL OF BIOCHEMISTRY, BERLIN, DE, vol. 254, no. 1, 15 May 1998 (1998-05-15), pages 96-102, XP000960354 ISSN: 0014-2956 the whole document	1-54
A	KIEFER P ET AL: "Influence of glucose, fructose and sucrose as carbon sources on kinetics and stoichiometry of lysine production by Corynebacterium glutamicum." JOURNAL OF INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY. JUN 2002, vol. 28, no. 6, June 2002 (2002-06), pages 338-343, XP002287975 ISSN: 1367-5435 abstract; figure 5 page 341, column 1, paragraph 1	1-54
A	SAHM H ET AL: "PATHWAY ANALYSIS AND METABOLIC ENGINEERING IN CORYNEBACTERIUM GLUTAMICUM" BIOLOGICAL CHEMISTRY, XX, XX, vol. 381, no. 9/10, September 2000 (2000-09), pages 899-910, XP000979510 ISSN: 1431-6730 abstract; table 2	1-54

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Information on patent family members

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